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(54) Abstract Title

A vehicle front impact arrangement

(57) A vehicle front impact arrangement 102 comprises a fender element, or bumper, 105 mounted upon a slide mechanism in order to be displaceable between a displaced position (shown in solid lines) which is above a vehicle's approach angle profile A-A and a normal position (shown in hatched lines) where a substantially broader collision front area is provided for the vehicle in order to reduce the leg bend of a pedestrian in collision with the vehicle. The displacement of the fender element between the displaced position and the normal position may be substantially parallel to the longitudinal axis of the vehicle (as shown), or it may be at an angle thereto (see figure 5). Propulsive means such as a pneumatic/hydraulic ram or mechanical drive mechanism may be provided for displacing the fender element, and this displacement may be brought about upon the sensing of a collision.

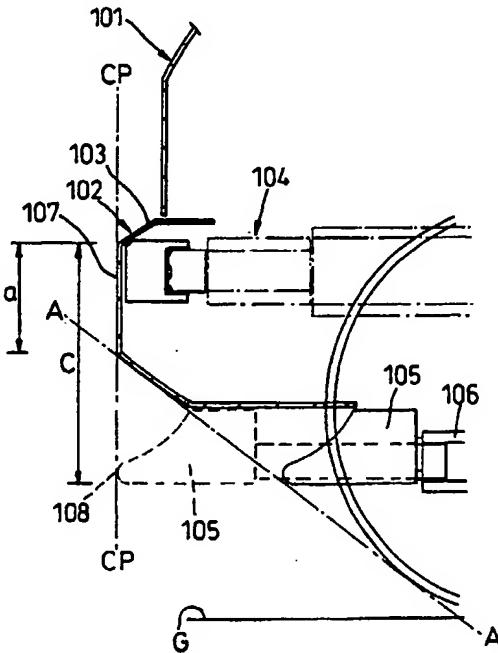


FIG. 1

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